

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	574	furukawa.in.	US-PGPUB	OR	ON	2004/09/10 12:57
S2	0	furukawa.in. and wo98/28735.pn.	US-PGPUB	OR	ON	2004/09/10 12:57
S3	0	furukawa.in. and "9828735".pn.	US-PGPUB	OR	ON	2004/09/10 12:59
S4	2	furukawa.in. and "9828735".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 13:00
S5	55866	@pd<"19990723" and (writ\$4? same (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4))	USPAT	OR	ON	2005/04/15 15:41
S6	1863	@pd<"19990723" and (writ\$4? same (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) same circuit same record\$4)	USPAT	OR	ON	2003/06/20 11:14
S7	2	@pd<"19990723" and ((writ\$4? near (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) near circuit) same record\$4)	USPAT	OR	ON	2003/06/20 10:56
S8	322	@pd<"19990723" and (writ\$4? same (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) same circuit same record\$4) and discriminat\$3?	USPAT	OR	ON	2003/06/20 11:15
S9	42	@pd<"19990723" and (writ\$4? same (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) same circuit same record\$4 same discriminat\$3?)	USPAT	OR	ON	2003/06/20 11:17
S10	42	@pd<"19990723" and (writ\$4? same (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) same circuit same record\$4 same discriminat\$3?)	US-PGPUB; USPAT	OR	ON	2003/06/20 11:17
S11	79	@pd<"19990723" and (writ\$4? same (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) same circuit same record\$4 same discriminat\$3?)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/20 11:27
S12	5	@pd<"19990723" and (writ\$4? same (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) same circuit same record\$4 same discriminat\$3?) and (pulse same train)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/23 16:20

S13	11	@pd<"19990723" and (writ\$4? same (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) same circuit same record\$4 same discriminat\$3? same optic\$3)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/20 11:31
S14	900	@pd<"19990723" and writ\$3 and circuit and ((adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) near pulse) and optic\$3	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/24 09:31
S15	14	@pd<"19990723" and writ\$3 and circuit and ((adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) near pulse) and optic\$3 and nrzi	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/20 12:08
S16	1	("5568461").PN.	USPAT; USOCR	OR	OFF	2003/06/20 14:02
S17	3	@pd<"19990723" and "temporal fluctuation" and writ\$3 and optical and pulse and (adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4)and (pulse same train)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/06/23 16:21

S18	200	("5796535" "5966258" "5648952" "5745463" "5956313" "5420837" "5257256" "5592456" "5602806" "5629913" "5642343" "5784348" "5991252" "6058084" "6192017" "6411579" "6108151" "5987542" "6028728" "6075663" "5600502" "5841601" "5854714" "5696639" "5726818" "5760984" "5812336" "5909332" "5333140" "5856964" "5903537" "4882639" "5543975" "5872665" "5241524" "5321672" "5544135" "5568465" "5367514" "5383175" "5561656" "5631887" "5757735" "5327411" "5339298" "5530688" "5777964" "5920534" "6031814" "6115350").pn. ("4809090" "4904938" "5400313" "5406540" "5438581" "5576905" "5650882" "5706265" "5754351" "5764431" "5802032" "5802031" "5852523" "5909387" "6018507" "6067284" "6115344" "6137646" "6205102" "6208479" "6243339" "6285647" "6305629" RE37818 "6445522" "6473378" "6487151" "4791627" "4841383" "5001692" "5307214" "4341964" "4410817" "4525753" "5236735" "5359467" "5537379" "5638225" "5682367" "5757576" "5761170" "5774440" "5818807" "5828629" "5859825" "6028834" "6301068" "5386405" "6269060" "6504807").pn. ("5412626" "5703855" "5848045" "4835759" "5732061" "5790482" "5487059" "5513165" "5712839" "5424881" "5463600" "5481525" "5502711" "5561642" "5577019" "5581535" "5590111" "5745467" "5812334" "5887010" "5909331" "5956357" "5978334" "6490302" "5204848" "6069759" "5668678" "6144513" "6052248" "6076063" "5771127" "5802118" "5835295" "5892632" "5926490" "5961658" "5966415" "6246723" "6243673" "5614960" "5526333" "5914927" "4987500" "5629890" "5963462" "4350456" "4553178" "4847558" "4946762" "5029017").pn. ("5298998" "5469422" "5594553" "5745414" "5754470" "5963029" "6175456" "6307692" "4888750" "5872763" "5912637" "5640381" "4893910" "4970621" "5371721" "5450383" "6141162" "4339770" "4538441" "566092" "4271334" "4541026" "4554597" "4561083" "4610000" "4614070" "4817007"	USPAT	OR	ON	2003/06/24 07:58
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S19	193	("5796535" "5966258" "5648952" "5745463" "5956313" "5420837" "5257256" "5592456" "5602806" "5629913" "5642343" "5784348" "5991252" "6058084" "6192017" "6411579" "6108151" "5987542" "6028728" "6075663" "5600502" "5841601" "5854714" "5696639" "5726818" "5760984" "5812336" "5909332" "5333140" "5856964" "5903537" "4882639" "5543975" "5872665" "5241524" "5321672" "5544135" "5568465" "5367514" "5383175" "5561656" "5631887" "5757735" "5327411" "5339298" "5530688" "5777964" "5920534" "6031814" "6115350").pn. ("4809090" "4904938" "5400313" "5406540" "5438581" "5576905" "5650882" "5706265" "5754351" "5764431" "5802032" "5802031" "5852523" "5909387" "6018507" "6067284" "6115344" "6137646" "6205102" "6208479" "6243339" "6285647" "6305629" RE37818 "6445522" "6473378" "6487151" "4791627" "4841383" "5001692" "5307214" "4341964" "4410817" "4525753" "5236735" "5359467" "5537379" "5638225" "5682367" "5757576" "5761170" "5774440" "5818807" "5828629" "5859825" "6028834" "6301068" "5386405" "6269060" "6504807").pn. ("5412626" "5703855" "5848045" "4835759" "5732061" "5790482" "5487059" "5513165" "5712839" "5424881" "5463600" "5481525" "5502711" "5561642" "5577019" "5581535" "5590111" "5745467" "5812334" "5887010" "5909331" "5956357" "5978334" "6490302" "5204848" "6069759" "5668678" "6144513" "6052248" "6076063" "5771127" "5802118" "5835295" "5892632" "5926490" "5961658" "5966415" "6246723" "6243673" "5614960" "5526333" "5914927" "4987500" "5629890" "5963462" "4350456" "4553178" "4847558" "4946762" "5029017").pn. ("5298998" "5469422" "5594553" "5745414" "5754470" "5963029" "6175456" "6307692" "4888750" "5872763" "5912637" "5640381" "4893910" "4970621" "5371721" "5450383" "6141162" "4339770" "5770047" "566092" "4271334" "4541026" "4554597" "4561083" "4610000" "4614070" "4817007"	USPAT	OR	ON	2003/06/24 07:59
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S21	150	("5796535" "5966258" "5648952" "5745463" "5956313" "5420837" "5257256" "5592456" "5602806" "5629913" "5642343" "5784348" "5991252" "6058084" "6192017" "6411579" "6108151" "5987542" "6028728" "6075663" "5600502" "5841601" "5854714" "5696639" "5726818" "5760984" "5812336" "5909332" "5333140" "5856964" "5903537" "4882639" "5543975" "5872665" "5241524" "5321672" "5544135" "5568465" "5367514" "5383175" "5561656" "5631887" "5757735" "5327411" "5339298" "5530688" "5777964" "5920534" "6031814" "6115350").pn. ("4809090" "4904938" "5400313" "5406540" "5438581" "5576905" "5650882" "5706265" "5754351" "5764431" "5802032" "5802031" "5852523" "5909387" "6018507" "6067284" "6115344" "6137646" "6205102" "6208479" "6243339" "6285647" "6305629" RE37818 "6445522" "6473378" "6487151" "4791627" "4841383" "5001692" "5307214" "4341964" "4410817" "4525753" "5236735" "5359467" "5537379" "5638225" "5682367" "5757576" "5761170" "5774440" "5818807" "5828629" "5859825" "6028834" "6301068" "5386405" "6269060" "6504807").pn. ("5412626" "5703855" "5848045" "4835759" "5732061" "5790482" "5487059" "5513165" "5712839" "5424881" "5463600" "5481525" "5502711" "5561642" "5577019" "5581535" "5590111" "5745467" "5812334" "5887010" "5909331" "5956357" "5978334" "6490302" "5204848" "6069759" "5668678" "6144513" "6052248" "6076063" "5771127" "5802118" "5835295" "5892632" "5926490" "5961658" "5966415" "6246723" "6243673" "5614960" "5526333" "5914927" "4987500" "5629890" "5963462" "4350456" "4553178" "4847558" "4946762" "5029017").pn. ("5298998" "5469422" "5594553" "5745414" "5754470" "5963029" "6175456" "6307692" "4888750" "5872763" "5912637" "5640381" "4893910" "4970621" "5371721" "5450383" "6141162" "4339770" "4123003" "5660952" "4271334" "4541026" "4554597" "4561083" "4610000" "4614070" "4817007"	USPAT	OR	ON	2003/06/24 08:12
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S22	7	((("5796535" "5966258" "5648952" "5745463" "5956313" "5420837" "5257256" "5592456" "5602806" "5629913" "5642343" "5784348" "5991252" "6058084" "6192017" "6411579" "6108151" "5987542" "6028728" "6075663" "5600502" "5841601" "5854714" "5696639" "5726818" "5760984" "5812336" "5909332" "5333140" "5856964" "5903537" "4882639" "5543975" "5872665" "5241524" "5321672" "5544135" "5568465" "5367514" "5383175" "5561656" "5631887" "5757735" "5327411" "5339298" "5530688" "5777964" "5920534" "6031814" "6115350").pn. ("4809090" "4904938" "5400313" "5406540" "5438581" "5576905" "5650882" "5706265" "5754351" "5764431" "5802032" "5802031" "5852523" "5909387" "6018507" "6067284" "6115344" "6137646" "6205102" "6208479" "6243339" "6285647" "6305629" RE37818 "6445522" "6473378" "6487151" "4791627" "4841383" "5001692" "5307214" "4341964" "4410817" "4525753" "5236735" "5359467" "5537379" "5638225" "5682367" "5757576" "5761170" "5774440" "5818807" "5828629" "5859825" "6028834" "6301068" "5386405" "6269060" "6504807").pn. ("5412626" "5703855" "5848045" "4835759" "5732061" "5790482" "5487059" "5513165" "5712839" "5424881" "5463600" "5481525" "5502711" "5561642" "5577019" "5581535" "5590111" "5745467" "5812334" "5887010" "5909331" "5956357" "5978334" "6490302" "5204848" "6069759" "5668678" "6144513" "6052248" "6076063" "5771127" "5802118" "5835295" "5892632" "5926490" "5961658" "5966415" "6246723" "6243673" "5614960" "5526333" "5914927" "4987500" "5629890" "5963462" "4350456" "4553178" "4847558" "4946762" "5029017").pn. ("5298998" "5469422" "5594553" "5745414" "5754470" "5963029" "6175456" "6307692" "4888750" "5872763" "5912637" "5640381" "4893910" "4970621" "5371721" "5450383" "6141162" "4339770" "5538441" "566092" "4271334" "4541026" "4554597" "4561083" "4610000" "4614070" "4817007"	USPAT	OR	ON	2003/06/24 14:00
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S24	17	@pd<"19990723" and writ\$3 and circuit and ((adapt\$4 or fit\$4 or alter\$4 or chang\$4 or adjust\$4 or modify\$4) near pulse) and optic\$3 and (369/59.11.ccls. or 369/59.12.ccls.)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/24 09:59
S25	0	@pd<"19990723" and (369/59.11.ccls. or 369/59.12.ccls.) and (multi\$1pulse adj train)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/24 10:00
S26	23	@pd<"19990723" and (369/59.11.ccls. or 369/59.12.ccls.) and train	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/24 10:11
S27	9	@pd<"19990723" and (369/59.11.ccls. or 369/59.12.ccls.) and ("falling edge")	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/24 10:11
S28	96	@pd<"19990723" and (369/59.11.ccls. or 369/59.12.ccls.)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2003/06/24 10:19
S29	913	@pd<"19990723" and (writ\$4? same adaptive)	USPAT	OR	ON	2003/06/24 12:53
S30	1	("4907212").PN.	USPAT; USOCR	OR	OFF	2003/06/24 10:23
S31	1	("5568461").PN.	USPAT; USOCR	OR	OFF	2003/06/24 10:24
S32	1	("5642343").PN.	USPAT; USOCR	OR	OFF	2003/06/24 10:25

S33	1	("5796535" "5966258" "5648952" "5745463" "5956313" "5420837" "5257256" "5592456" "5602806" "5629913" "5642343" "5784348" "5991252" "6058084" "6192017" "6411579" "6108151" "5987542" "6028728" "6075663" "5600502" "5841601" "5854714" "5696639" "5726818" "5760984" "5812336" "5909332" "5333140" "5856964" "5903537" "4882639" "5543975" "5872665" "5241524" "5321672" "5544135" "5568465" "5367514" "5383175" "5561656" "5631887" "5757735" "5327411" "5339298" "5530688" "5777964" "5920534" "6031814" "6115350").pn. ("4809090" "4904938" "5400313" "5406540" "5438581" "5576905" "5650882" "5706265" "5754351" "5764431" "5802032" "5802031" "5852523" "5909387" "6018507" "6067284" "6115344" "6137646" "6205102" "6208479" "6243339" "6285647" "6305629" RE37818 "6445522" "6473378" "6487151" "4791627" "4841383" "5001692" "5307214" "4341964" "4410817" "4525753" "5236735" "5359467" "5537379" "5638225" "5682367" "5757576" "5761170" "5774440" "5818807" "5828629" "5859825" "6028834" "6301068" "5386405" "6269060" "6504807").pn. ("5412626" "5703855" "5848045" "4835759" "5732061" "5790482" "5487059" "5513165" "5712839" "5424881" "5463600" "5481525" "5502711" "5561642" "5577019" "5581535" "5590111" "5745467" "5812334" "5887010" "5909331" "5956357" "5978334" "6490302" "5204848" "6069759" "5668678" "6144513" "6052248" "6076063" "5771127" "5802118" "5835295" "5892632" "5926490" "5961658" "5966415" "6246723" "6243673" "5614960" "5526333" "5914927" "4987500" "5629890" "5963462" "4350456" "4553178" "4847558" "4946762" "5029017").pn. ("5298998" "5469422" "5594553" "5745414" "5754470" "5963029" "6175456" "6307692" "4888750" "5872763" "5912637" "5640381" "4893910" "4970621" "5371721" "5450383" "6141162" "4339770" "4123844" "41566092" "4271334" "4541026" "4554597" "4561083" "4610000" "4614070" "4817007"	USPAT	OR	ON	2003/06/24 12:54
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S34	5	("6560182" "6548137" "6515952" "6438085" "6188656").pn.	USPAT	OR	ON	2003/06/24 14:01
S35	6	("5327411" "5418770" "5636194" "5850378" "6018508" "6044055").pn.	USPAT	OR	ON	2003/09/22 10:29
S36	1	"5568461".pn.	USPAT	OR	ON	2003/09/22 10:29
S37	45	shoji-mamoru.in. and (mark same space)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 12:47
S38	9	("5490126" "5499227" "5513165" "5517481" "5590111" "5615193" "5636194" "5642343" "5732061").PN.	USPAT	OR	ON	2004/02/04 15:10
S39	12107	seo.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 15:20
S40	174	seo.in. and joo.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 15:21
S41	21	seo.in. and joo.in. and yoon.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 15:27
S42	54	"369"/\$7.ccls. and (mark same space same (first adj pulse) same (last adj pulse))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 15:28
S43	34	"369"/\$7.ccls. and (mark same space same (first adj pulse) same (last adj pulse))	USPAT	OR	ON	2004/02/04 18:39
S44	84	"369"/\$7.ccls. and (((lead\$3 preced\$3 front) near3 (mark space)) with (delay\$3 tim\$3 detect\$3)) and (((follow\$3 trail\$3 back) near3 (mark space)) with (delay\$3 tim\$3 detect\$3))	USPAT	OR	ON	2004/02/04 18:44
S45	61	furukawa.in. and (leading same trailing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 18:44

S46	32	furukawa.in. and (leading same trailing same detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 18:44
S47	1	"6345026".pn.	USPAT	OR	ON	2004/02/05 09:00
S48	2	("5751689" "6269062").PN.	USPAT	OR	ON	2004/02/05 10:19
S49	4	("5216657" "5490126" "5636194" "6101159").PN.	USPAT	OR	ON	2004/02/05 10:20
S50	389	(pulse near3 width) with zone	USPAT	OR	ON	2004/02/05 12:24
S51	70	((pulse near3 width) with zone) and "369"/\$7.ccls.	USPAT	OR	ON	2004/02/05 12:01
S52	24	((pulse near3 width) with zone) same memory	USPAT	OR	ON	2004/02/05 12:03
S53	64	((pulse near3 width) with zone) and "369"/\$7.ccls.) and (pulse with (adjust\$4 control\$4 delay\$3))	USPAT	OR	ON	2004/02/05 12:05
S54	7	((pulse near3 width) with zone) and "369"/\$7.ccls.) and (pulse with (adjust\$4 control\$4 delay\$3)) and ((leading preceding first) near2 pulse) and ((following trailing last) near2 pulse)	USPAT	OR	ON	2004/02/05 14:08
S55	4	("6108289" "6172955" "6418102" "6480449").PN.	USPAT	OR	ON	2004/02/05 12:22
S56	126	(pulse near3 width) with zone with (adjust\$4 control\$4 compensat\$4 delay\$4 correcting)	USPAT	OR	ON	2004/02/05 12:25
S57	125	(pulse near3 width) with zone with (adjust\$4 control\$4 compensat\$4 delay\$4)	USPAT	OR	ON	2004/02/05 12:25
S58	21	(pulse near3 width) with zone with (adjust\$4 control\$4 compensat\$4 delay\$4) and "369"/\$7.ccls.	USPAT	OR	ON	2004/02/05 12:28
S59	22	pulse with width with zone with (adjust\$4 control\$4 compensat\$4 delay\$4) and "369"/\$7.ccls.	USPAT	OR	ON	2004/02/05 12:28
S60	239	(process\$3 adj (data information) adj (record\$3 writ\$4) adj3 (disc media disk carrier record storage))	USPAT	OR	ON	2004/02/05 14:10
S61	54	(process\$3 adj (data information) adj (record\$3 writ\$4) adj3 (disc media disk carrier record storage)) and "369"/\$7.ccls.	USPAT	OR	ON	2004/02/05 14:11

S62	0	(processor with ((process processing processed) adj (data information) adj (record\$3 writ\$4) adj3 (disc media disk carrier record storage))) and "369"/\$7.ccls.	USPAT	OR	ON	2004/02/05 14:12
S63	5	(processor with ((process processing processed) adj (data information) adj (record\$3 writ\$4))) and "369"/\$7.ccls.	USPAT	OR	ON	2004/02/05 14:12
S64	724	hei.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 12:31
S65	0	hei.in. and "9-81937"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 12:31
S66	0	hei.in. and 9-81937.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 12:31
S67	0	9-81937.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 12:31
S68	0	09-81937.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 12:36
S69	37	tamai-koji.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 12:38
S70	9	("5490126" "5499227" "5513165" "5517481" "5590111" "5615193" "5636194" "5642343" "5732061").PN.	USPAT	OR	ON	2004/08/05 12:41
S71	60	"369"/\$7.ccls. and ((three\$1by\$1three (three adj by three) ("3" adj by adj "3") "3x3") adj2 table)	USPAT	OR	ON	2004/08/05 12:49

S72	447	"369"/\$7.ccls. and ((three\$1by\$1three (three adj by three) ("3" adj by adj "3") "3x3") with table)	USPAT	OR	ON	2004/08/05 12:49
S73	2	"369"/\$7.ccls. and ((three\$1by\$1three (three adj by three) ("3" adj by adj "3") "3x3") adj2 table) and (table with (mark space) with (length width))	USPAT	OR	ON	2004/08/05 12:50
S74	111	"369"/\$7.ccls. and (table with (mark space) with (length width))	USPAT	OR	ON	2004/08/05 12:51
S75	49	"369"/\$7.ccls. and (table with mark with space with (length width))	USPAT	OR	ON	2004/08/05 13:01
S76	10	"369"/\$7.ccls. and ((three adj group) with mark with space with (length width))	USPAT	OR	ON	2004/08/05 13:02
S77	11	"369"/\$7.ccls. and ((three adj group) with mark with (length width))	USPAT	OR	ON	2004/08/05 13:12
S78	58	"369"/\$7.ccls. and (((table group) with mark with (length width)) same ((table group) with space with (length width)))	USPAT	OR	ON	2004/08/05 13:13
S79	48	"369"/\$7.ccls. and (((table group) with mark with (length width)) same ((table group) with space with (length width))) not ("369"/\$7.ccls. and ((three adj group) with mark with space with (length width)))	USPAT	OR	ON	2004/08/05 13:14
S80	29	("369"/\$7.ccls. and (((table group) with mark with (length width)) same ((table group) with space with (length width))) not ("369"/\$7.ccls. and ((three adj group) with mark with space with (length width)))) not (bailey baily).in.	USPAT	OR	ON	2004/08/05 13:14
S81	1	"5598392".PN.	USPAT	OR	ON	2004/08/05 13:15
S82	1	"5598392".PN.	USPAT	OR	ON	2004/08/05 13:15
S83	9	"5796693".URPN.	USPAT	OR	ON	2004/08/05 13:15
S84	3	369/59.11.ccls. and (short with middle with long)	USPAT	OR	ON	2004/09/08 17:21
S85	17	369/59.11.ccls. and (combination with mark with space)	USPAT	OR	ON	2004/09/08 17:33
S86	3	369/59.11.ccls. and (((possible near3 combination) possibilities) with mark with space)	USPAT	OR	ON	2004/09/08 17:38

S87	10	369/59.11.ccls. and ((group\$3 classif\$8) with mark with space)	USPAT	OR	ON	2004/09/09 13:30
S88	6	369/59.11.ccls. and ((rang\$3) with mark with space with (length or magnitude))	USPAT	OR	ON	2004/09/09 09:34
S89	14	369/59.11.ccls. and (length with mark with space with width)	USPAT	OR	ON	2004/09/09 13:36
S90	30	369/59.11.ccls. and ((width length) with mark with space with (adapt\$7 adjust\$4 control\$5 chang\$5))	USPAT	OR	ON	2004/09/09 13:53
S91	46	"5636194".URPN.	USPAT	OR	ON	2004/09/09 13:40
S92	4	("4896313" "5235590" "5241524" "5327411").PN.	USPAT	OR	ON	2004/09/09 13:48
S93	0	369/59.11.ccls. and ((pulse near3 width near3 table) with mark with space)	USPAT	OR	ON	2004/09/09 13:54
S94	15	369/59.11.ccls. and ((pulse near3 width) with mark with space)	USPAT	OR	ON	2004/09/09 13:54
S95	0	369/59.11.ccls. and ((pulse near3 width) with mark with space with (table memory))	USPAT	OR	ON	2004/09/09 13:55
S96	0	369/59.11.ccls. and ((pulse near3 width) with mark with space with (table memory group\$4))	USPAT	OR	ON	2004/09/09 13:55
S97	0	369/59.11.ccls. and (width with mark with space with (table memory group\$4))	USPAT	OR	ON	2004/09/09 13:55
S98	13	369/59.11.ccls. and ((width length) with mark with space with (table memory group\$4))	USPAT	OR	ON	2004/09/09 13:55
S99	8	("5216659" "5418770" "5463600" "5495463" "5745451" "5777964" "5790491" "6154433").PN.	USPAT	OR	ON	2004/09/09 14:00
S10 0	14	("5029155" "5185734" "5268893" "5490126" "5640381" "5732055" "5790491" "5802031" "5887010" "6104685" "6115338" "6222814" "6236635" "6510116" "2001/0043538" "2002/0054556").PN.	USPAT	OR	ON	2004/09/09 14:09
S10 1	3	(mark with (width length)) and (space with (trailing leading preced\$3 front back) with (width length)) and (table group\$3 rang\$3)	EPO; JPO	OR	ON	2004/09/09 16:40

S10 2	14	((nine eighteen) with (combination grouping possibilities) with mark with space)	USPAT	OR	ON	2004/09/09 16:47
S10 3	3	"369"/\$7.ccls. and (adaptive adj writ\$3)	USPAT	OR	ON	2004/09/09 16:48
S10 4	78	"369"/\$7.ccls. and (mark with space with (length width) with (determin\$5 sensing))	USPAT	OR	ON	2004/09/09 16:50
S10 5	111	"369"/\$7.ccls. and (mark with space with (length width) with (determin\$5 sensing detect\$3))	USPAT	OR	ON	2004/09/09 16:51
S10 6	22	"369"/\$7.ccls. and (mark with (space near\$3 (trail\$3 lead\$3 front back follow\$3)) with (length width) with (determin\$5 sensing detect\$3))	USPAT	OR	ON	2004/09/09 16:52
S10 7	2	("5751689" "6269062").PN.	USPAT	OR	ON	2004/09/09 17:01
S10 8	23	"5327411".URPN.	USPAT	OR	ON	2004/09/09 17:10
S10 9	1	"369"/\$7.ccls. and ((("9.sup.2" "12.sup.2" "6483791".PN.) with (possibilities combination combin\$3 group\$3))	USPAT	OR	ON	2004/09/09 17:32
S11 0	45	"369"/\$7.ccls. and ((("144") with (possibilities combination combin\$3 group\$3))	USPAT	OR	ON	2004/09/09 17:32
S11 1	0	"369"/\$7.ccls. and ((("144") with (possibilities combination combin\$3 group\$3)) and (mark with space)	USPAT	OR	ON	2004/09/09 17:31
S11 2	0	369/59.11.ccls. and ((("144") with (possibilities combination combin\$3 group\$3))	USPAT	OR	ON	2004/09/09 17:32
S11 3	0	369/59.12.ccls. and ((("144") with (possibilities combination combin\$3 group\$3))	USPAT	OR	ON	2004/09/09 17:32
S11 4	1915	"369"/\$7.ccls. and ((("9.sup.2" "12.sup.2" "9" "12") with (possibilities combination combin\$3 group\$3))	USPAT	OR	ON	2004/09/09 17:33
S11 5	1484	"369"/\$7.ccls. and ((("9.sup.2" "12.sup.2" "9" "12") with (possibilities combination combine groups groupings))	USPAT	OR	ON	2004/09/09 17:34
S11 6	14	369/59.11.ccls. and ((("9.sup.2" "12.sup.2" "9" "12") with (possibilities combination combine groups groupings))	USPAT	OR	ON	2004/09/09 17:34

S11 7	14	("5029155" "5185734" "5268893" "5490126" "5640381" "5732055" "5790491" "5802031" "5887010" "6104685" "6115338" "6222814" "6236635" "6510116" "2001/0043538" "2002/0054556").PN.	USPAT	OR	ON	2004/09/09 17:35
S11 8	5	("5029155" "5185734" "5268893" "5490126" "5640381" "5732055" "5790491" "5802031" "5887010" "6104685" "6115338" "6222814" "6236635" "6510116" "2001/0043538" "2002/0054556").PN. and (mark with space)	USPAT	OR	ON	2004/09/09 17:35
S14 4	18	"369"/\$7.ccls. and (((trail\$3 follow\$3 back) near3 space) same ((lead\$3 preced\$3 front) near3 space) same ((adjust\$4 chang\$3 adapt\$3 control\$4) with ((pulse mark) near3 (width length))))	USPAT	OR	ON	2005/01/21 14:16
S14 5	6	369/59.11.ccls. and (((trail\$3 follow\$3 back) near3 space) same ((lead\$3 preced\$3 front) near3 space) same ((adjust\$4 chang\$3 adapt\$3 control\$4) with ((pulse mark) near3 (width length))))	USPAT	OR	ON	2005/01/21 14:07
S14 6	18	"369"/\$7.ccls. and (((trail\$3 follow\$3 back) near3 space) same ((lead\$3 preced\$3 front) near3 space) same ((adjust\$4 chang\$3 adapt\$3 control\$4 variable var\$4) with ((pulse mark) near3 (width length))))	USPAT	OR	ON	2005/01/21 14:17
S14 7	20	"369"/\$7.ccls. and (((trail\$3 follow\$3 back) near3 space) same ((lead\$3 preced\$3 front) near3 space) same ((adjust\$4 chang\$3 adapt\$3 control\$4 variable var\$4 shift\$3) with ((pulse mark) near3 (width length))))	USPAT	OR	ON	2005/01/21 14:30
S14 8	2	S147 not S146	USPAT	OR	ON	2005/01/21 14:18

S14 9	20	"369"/\$7.ccls. and (((trail\$3 follow\$3 back) near3 space) same ((lead\$3 preced\$3 front) near3 space) same ((adjust\$4 chang\$3 adapt\$3 control\$4 variable var\$4 shift\$3) with ((pulse mark) near3 ((edge near3 (rising falling begin\$4 end\$3 terminat\$3 start\$3)) (width length))))))	USPAT	OR	ON	2005/01/21 14:33
S15 0	18	S149 not S148	USPAT	OR	ON	2005/01/21 14:32
S15 1	0	S149 not S147	USPAT	OR	ON	2005/01/21 14:32
S15 2	1	"369"/\$7.ccls. and (((trail\$3 follow\$3 back) near3 space) same ((lead\$3 preced\$3 front) near3 space) same ((adjust\$4 chang\$3 adapt\$3 control\$4 variable var\$4 shift\$3) with (edge near3 (rising falling begin\$4 end\$3 terminat\$3 start\$3))))	USPAT	OR	ON	2005/01/21 14:34
S15 3	8	"369"/\$7.ccls. and (((trail\$3 follow\$3 back) near3 space) same ((lead\$3 preced\$3 front) near3 space) same ((adjust\$4 chang\$3 adapt\$3 control\$4 variable var\$4 shift\$3 mov\$3) with (edge near3 (rising falling begin\$4 end\$3 terminat\$3 start\$3))))	USPAT	OR	ON	2005/01/21 14:34
S15 4	21	"369"/\$7.ccls. and (((trail\$3 follow\$3 back) near3 space) same ((lead\$3 preced\$3 front) near3 space) and ((adjust\$4 chang\$3 adapt\$3 control\$4 variable var\$4 shift\$3 mov\$3) with (edge near3 (rising falling begin\$4 end\$3 terminat\$3 start\$3))))	USPAT	OR	ON	2005/01/21 14:36
S15 5	286	"369"/\$7.ccls. and ((recording writ\$3) with ((adjust\$3 modif\$4 adapt\$3) near4 (pulse wave\$1form)))	USPAT	OR	ON	2005/01/28 14:09
S15 6	14	"369"/\$7.ccls. and (((recording writ\$3) with ((adjust\$3 modif\$4 adapt\$3) near4 (pulse wave\$1form)))) same (space near3 (magnitude length width)))	USPAT	OR	ON	2005/01/28 13:54
S15 7	31	"369"/\$7.ccls. and (((recording writ\$3) with ((adjust\$3 modif\$4 adapt\$3) near4 (pulse wave\$1form)))) same (space))	USPAT	OR	ON	2005/01/28 13:56

S15 8	5	"369"/\$7.ccls. and (((recording writ\$3) with ((adjust\$3 modif\$4 adapt\$3) near4 (pulse wave\$1form))) same ((distance length time period space) with (from between) with (previous follow\$3 preced\$3 trail\$3 lead\$3) with (mark pit)))	USPAT	OR	ON	2005/01/28 13:58
S15 9	99	"369"/\$7.ccls. and (((recording writ\$3) with ((adjust\$3 modif\$4 adapt\$3) near4 (pulse wave\$1form) near3 (span width length duration))))	USPAT	OR	ON	2005/01/28 14:10
S16 0	23	"369"/\$7.ccls. and (((recording writ\$3) with ((adjust\$3 modif\$4 adapt\$3) near4 (pulse wave\$1form) near3 (span width length duration)))) same (space with (span width length duration)))	USPAT	OR	ON	2005/01/28 14:18
S16 1	26	"369"/\$7.ccls. and (((adjust\$3 modif\$4 adapt\$3) near4 (pulse wave\$1form) near3 (span width length duration)))) same (space with (span width length duration)))	USPAT	OR	ON	2005/01/28 14:19
S16 2	3	S161 not S160	USPAT	OR	ON	2005/01/28 14:19
S16 3	12	("4718068" "4761775" "4793812" "4841504" "4891690" "5067120" "5631887" "5790332" "5802031" "6028828" "6069864" "6483791").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/28 14:21
S16 4	3	S163 and (space with (length width duration magnitude size))	USPAT	OR	ON	2005/01/28 14:23
S16 5	4	S163 and ((gap space (between adj marks!)) with (length width duration magnitude size))	USPAT	OR	ON	2005/01/28 14:26
S16 6	8	("5216659" "5418770" "5463600" "5495463" "5745451" "5777964" "5790491" "6154433").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/28 14:26
S16 7	1	S166 and ((gap space (between adj marks!)) with (length width duration magnitude size))	USPAT	OR	ON	2005/01/28 14:36
S16 8	1	"5561656".pn. and ((gap space (between adj marks!)) with (length width duration magnitude size))	USPAT	OR	ON	2005/01/31 13:54

S16 9	47	("5418770").URPN.	USPAT	OR	ON	2005/01/31 13:27
S17 0	18	S169 and ((gap space (between adj marks!)) with (length width duration magnitude size))	USPAT	OR	ON	2005/01/31 13:55
S17 1	6	("4866692" "4873680" "5347505" "5418770" "5475657" "5732061").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/31 14:48
S17 2	11	"369"/\$7.ccls. and (((writ\$3 record\$3) with ((adjust\$5 adapt\$3 modif\$8) near3 (width length edge) near3 (pulse mark pit wave wave\$1form\$1))) same (((space gap) near3 (trail\$3 follow\$3 subsequent)) ((distance length) near3 (between seperat\$3))))	USPAT	OR	ON	2005/01/31 14:55
S17 3	2	("5751689" "6269062").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/31 14:57
S17 4	11	("5327411" "5418770" "5490126" "5499227" "5568461" "5636194" "5642343" "5745467" "5850378" "6018508" "6044055").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/31 15:16
S17 5	8	S174 and ((gap space (between adj marks!)) with (length width duration magnitude size))	USPAT	OR	ON	2005/01/31 15:17
S17 6	8	("5150351" "5291470" "5347505" "5367514" "5412626" "5798996" "5802032" "5848043").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/31 17:57
S17 7	722	"369"/\$7.ccls. and ((space gap) near3 (adjacent after trail\$3 follow\$3 subsequent))	USPAT	OR	ON	2005/01/31 17:59
S17 8	746	"369"/\$7.ccls. and ((space gap) near3 (neighbor\$3 adjacent after trail\$3 follow\$3 subsequent))	USPAT	OR	ON	2005/01/31 18:00
S17 9	210	"369"/\$7.ccls. and ((space gap) near3 (neighbor\$3 adjacent after trail\$3 follow\$3 subsequent) with (mark pit))	USPAT	OR	ON	2005/01/31 18:00
S18 0	210	"369"/\$7.ccls. and (((space gap) near3 (neighbor\$3 adjacent after trail\$3 follow\$3 subsequent)) with (mark pit))	USPAT	OR	ON	2005/01/31 18:00
S18 1	234	"369"/\$7.ccls. and (((space gap) near3 (neighbor\$3 adjacent after trail\$3 follow\$3 subsequent)) with (mark pit pulse))	USPAT	OR	ON	2005/01/31 18:01

S18 2	34	"369"/\$7.ccls. and (((space gap) near3 (neighbor\$3 adjacent after trail\$3 follow\$3 subsequent)) with (mark pit pulse)) same (width near3 pulse))	USPAT	OR	ON	2005/01/31 18:07
S18 3	10	"369"/\$7.ccls. and (((space gap) near3 (neighbor\$3 adjacent after trail\$3 follow\$3 subsequent)) with (mark pit pulse)) same ((width near3 pulse) with (adjust\$5 adapt\$3 mov\$3 delay\$3 optimiz\$3 compensat\$3 correct\$4)))	USPAT	OR	ON	2005/01/31 18:04
S18 4	1	("6104682").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/31 18:06
S18 5	71	"369"/\$7.ccls. and ((space gap) near3 (size magnitude length) near3 (detect\$3 measur\$3))	USPAT	OR	ON	2005/02/02 14:29
S18 6	5146	(seo joo yoon roh).in.	USPAT	OR	ON	2005/04/15 15:42
S18 7	2	(seo and joo and yoon and roh).in.	US-PGPUB; USPAT	OR	ON	2005/04/15 15:43
S18 8	1	"4423502".pn.	USPAT	OR	ON	2005/04/18 17:01